

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	(3D or 3-D or three adj dimensional\$1 or scanner)and digital and micromirror adj device and modulate and structured and light adj signal and projected adj beam same object and generat\$4 adj shape	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 10:20
L2	0	(3D or 3-D or three adj dimensional\$1 or scanner)and digital and micromirror adj device and structured adj light and project\$3 adj beam and object and generat\$4 adj shape	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 10:22
L3	0	(3D or 3-D or three adj dimensional\$1 or scanner)and micromirror adj device and structured adj light and project\$3 adj beam and object and generat\$4 adj shape	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 10:23
L4	2117	(3D or 3-D or three adj dimensional\$1 or scanner\$1)and micromirror adj device	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 10:23
L5	30982	(3D or 3-D or three adj dimensional\$1 or scanner)and micromirror adj device and (light or source or laser adj light)and project\$3 light adj beam and object and (generat\$4 adj shape or depth)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 10:25
L6	2312	(3D or 3-D or three adj dimensional\$1 or scanner)and micromirror adj device and (light or source or laser adj light)and project\$3 light adj beam and object and (generat\$4 adj shape or depth)adj information	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 10:26

L7	490	(3D or 3-D or three adj dimensional\$1 or scanner)and encod\$3 and micromirror adj device and(light or source or laser adj light or structural adj light)and project\$3 light adj beam and object and(generat\$4 adj shape or depth)adj object and(reval or reconstruct\$3)and(contour or edge or filter\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 10:34
L8	308	L7 and(@ad<"20040115" or @rlad<"20040115" or @prad<"20040115" or @ptad<"20040115")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 10:34
L9	256	L7 and @ad<"20040115"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 10:34
L10	9	L9 and(detect\$3 or determining)and reflect\$3 and(light or source or laser adj light or structural adj light)and project\$3 same light adj beam same object same(generat\$3 adj shape or depth or contour or edge or filter\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 10:40
L11	0	L10 and(detect\$3 or determining)and reflect\$3 and(light or source or laser adj light or structural adj light)and detector and(configured or connected) and pass\$3 adj(single adj bit or binary adj data)and decoder and(pixel\$ or pixel)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 10:45
L12	0	L10 and reflect\$3 and(light or source or laser adj light or structural adj light)and detector and(configured or connected)and pass\$3 adj(single adj bit or binary adj data)and decoder	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 10:47
L13	8	reflect\$3 and(light or source or laser adj light or structural adj light)and detector and(configured or connected)and pass\$3 adj(single adj bit or binary adj data)and decoder	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 10:47
L14	7	L13 and @ad<"20040115"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 10:47

L16	0	L14 and (3D or 3-D or three adj dimensional\$1 or scanner)and encod\$3 and micromirror adj device and(light or source or laser adj light or structural adj light)and project\$3 and light adj beam and object and (generat\$4 adj shape or depth adj object or object)and(contour or edge or filter\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 10:50
L17	0	L14 and micromirror	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 10:59
L18	0	L13 and micromirror	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 10:59
L20	1	(3D or 3-D or three adj dimensional\$1 or scanner)and encod\$3 adj unit and micromirror adj device and(light or source or laser adj light or structural adj light)and project\$3 and light adj beam and object and (generat\$4 adj shape or depth)and(detect\$3 or determining)same(contour or edge\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 11:20
L21	1	encod\$3 adj unit and micromirror adj device and(light or source or laser adj light or structural adj light)and project\$3 and light adj beam and object and(generat\$4 adj shape or depth)and(detect\$3 or determining) same(contour or edge\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 11:21
L22	13	encod\$3 adj unit and micromirror adj device	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 11:23
L23	0	L22 and reflect\$3 and(light or source or laser adj light or structural adj light)and detector and(configured or connected)and pass\$3 adj(single adj bit or binary adj data)and decoder	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 11:24
L24	5	L22 and @ad<"20040115"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 11:24

L25	0	L24 and(detect\$3 or determining)and reflect\$3 and(light or source or laser adj light or structural adj light)and project\$3 same object same(generat\$3 adj shape or depth or contour or edge\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 11:25
L26	1	L22 and(detect\$3 or determining)and reflect\$3 and(light or source or laser adj light or structural adj light)and project\$3 same object same(generat\$3 adj shape or depth or contour or edge\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 11:26
L27	8275	(directing or project\$3 or reflect\$3)and(light or source or laser adj light or structural adj light)and(digital adj micromirror or micromirror adj device)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 11:34
L28	82	L27 and(detect\$3 or determining)and reflect\$3 and(light or source or laser adj light or structural adj light)and project\$3 same object same(generat\$3 adj shape or depth or contour or edge\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 11:35
L29	36	L28 and @ad<"20040115"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 11:35
L31	420	L27 and operat\$3 and(digital adj micromirror or micromirror adj device)and (light or source or laser adj light or structural adj light)same changing same beam	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 11:39
L32	1	L31 and(detect\$3 or determining)and reflect\$3 and(light or source or laser adj light or structural adj light)same detector and synchronized adj beam	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 11:40
L33	1	L31 and(detect\$3 or determining)and reflect\$3 and(light or source or laser adj light or structural adj light)and detector and synchronized adj beam	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 11:41

L34	1	L31 and reflect\$3 and(light or source or laser adj light or structural adj light)and detector and synchronized adj beam	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 11:42
L35	0	L31 and detector and(configured or connected)and pass\$3 adj(single adj bit or binary adj data)and decoder	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 11:45
L36	26	(directing or project\$3 or reflect\$3)and(light or source or laser adj light or structural adj light)and(digital adj micromirror or micromirror adj device) and operat\$3 and modulat\$3 and change adj beam	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 11:52
L37	0	L36 and(detect\$3 or determining)and reflect\$3 and(light or source or laser adj light or structural adj light)and detector and synchronized adj beam	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 11:52
L38	0	L36 and(detect\$3 or determining)and reflect\$3 and(light or source or laser adj light or structural adj light)and detector and synchronized and beam	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 11:53
L39	0	L36 and detector and(configured or connected)and pass\$3 adj(single adj bit or binary adj data)and decoder	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 11:53
L40	10	L36 and @ad<"20040115"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 11:53
L42	0	L40 and(light or source or laser adj light or structural adj light or laser)and detector and synchronized adj beam	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 11:58

L43	0	L40 and detector and(configured or connected)and pass\$3 adj(single adj bit or binary adj data or gary or grey)and decoder	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 11:59
L45	4	L40 and decod\$3 and reflect\$3 and(light or source or laser adj light or structural adj light)and (determining or detect\$3)and object and(generat \$3 adj shape or depth or contour or edge\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 12:06
L46	0	L45 and detector and(configured or connected)and pass\$3 adj(single adj bit or binary adj data or gary or grey)and decoder	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 12:06
L47	0	L40 and detector and(configured or connected)and pass\$3 adj(single adj bit or binary adj data or gary or grey)and decoder	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 12:06
L48	0	L40 and(detect\$3 or determining)and reflect\$3 and(light or source or laser adj light or structural adj light)and detector and synchronized and beam	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 12:12
L49	0	L45 and detector and(configured or connected)and pass\$3 adj(single adj bit or binary adj data or gary or grey)and decoder	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 12:13
L50	396146	(directing or project\$3 or reflect\$3)and(light or source or laser adj light or structural adj light or beam)same object	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 12:16
L51	1	L50 and modulat\$3 and light adj frame and dark adj frame and light adj beam and reach\$3 adj object	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 12:19

L52	1	L50 and light adj frame and dark adj frame and light adj beam and reach\$3 adj object	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 12:20
L53	1	L50 and calculat\$3 and mid adj level and light adj frame and dark adj frame and light adj beam and reach\$3 adj object	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 12:24
L54	7368	250/559.36,236,208.1,205,201.6,237G,559.38,201.4.CCLS.	USPAT	OR	ON	2010/02/19 12:30
L55	103	348/70.CCLS.	USPAT	OR	ON	2010/02/19 12:31
L56	1349	356/608,4.01,243.1,3.03,4.07.CCLS.	USPAT	OR	ON	2010/02/19 12:32
L57	2856	235/454,472.01.CCLS.	USPAT	OR	ON	2010/02/19 12:33
L58	491	396/106.CCLS.	USPAT	OR	ON	2010/02/19 12:34
L59	143	359/17,.CCLS.	USPAT	OR	ON	2010/02/19 12:35
L60	2492	358/484,474.CCLS.	USPAT	OR	ON	2010/02/19 12:35
L61	856	600/476.CCLS.	USPAT	OR	ON	2010/02/19 12:36
L62	2833	L54 and(directing or project\$3 or reflect\$3)and(light or source or laser adj light or structural adj light)and(digital adj micromirror or micromirror adj device or mirrors or optics)	USPAT	OR	ON	2010/02/19 12:41
L63	102	L62 and(detect\$3 or determining)and reflect\$3 and(light or source or laser adj light or structural adj light)and project\$3 same object same(generat\$3 adj shape or depth or contour or edge\$1)	USPAT	OR	ON	2010/02/19 12:42
L64	1	L63 and(directing or project\$3 or reflect\$3)and(light or source or laser adj light or structural adj light)and(digital adj micromirror or micromirror adj device or mirrors or optics)and operat\$3 and modulat\$3 and change adj beam	USPAT	OR	ON	2010/02/19 12:43
L65	0	L64 and @ad<"20040115"	USPAT	OR	ON	2010/02/19 12:45

L66	0	L64 and decod\$3 and reflect\$3 and(light or source or laser adj light or structural adj light)and (determining or detect\$3)and object and(generat\$3 adj shape or depth or contour or edge\$1)	USPAT	OR	ON	2010/02/19 12:46
L67	1	L64 and(directing or project\$3 or reflect\$3)and(light or source or laser adj light or structural adj light or beam)same object	USPAT	OR	ON	2010/02/19 12:47
L68	0	L67 and modulat\$3 and light adj frame and dark adj frame and light adj beam and reach\$3 adj object	USPAT	OR	ON	2010/02/19 12:48
L69	0	L67 and calculat\$3 and mid adj level and light adj frame and dark adj frame and light adj beam and reach\$3 adj object	USPAT	OR	ON	2010/02/19 12:49
L70	36	L55 and(directing or project\$3 or reflect\$3)and(light or source or laser adj light or structural adj light)and(digital adj micromirror or micromirror adj device or mirrors or optics)	USPAT	OR	ON	2010/02/19 12:50
L71	0	L70 and(detect\$3 or determining)and reflect\$3 and(light or source or laser adj light or structural adj light)and project\$3 same object same(generat\$3 adj shape or depth or contour or edge\$1)	USPAT	OR	ON	2010/02/19 12:50
L72	0	L70 and(directing or project\$3 or reflect\$3)and(light or source or laser adj light or structural adj light)and(digital adj micromirror or micromirror adj device or mirrors or optics)and operat\$3 and modulat\$3 and change adj beam	USPAT	OR	ON	2010/02/19 12:50
L73	0	L70 and decod\$3 and reflect\$3 and(light or source or laser adj light or structural adj light)and (determining or detect\$3)and object and(generat\$3 adj shape or depth or contour or edge\$1)	USPAT	OR	ON	2010/02/19 12:51
L74	31	L70 and(directing or project\$3 or reflect\$3)and(light or source or laser adj light or structural adj light or beam)same object	USPAT	OR	ON	2010/02/19 12:51
L75	0	L74 and modulat\$3 and light adj frame and dark adj frame and light adj beam and reach\$3 adj object	USPAT	OR	ON	2010/02/19 12:54
L76	0	L67 and detector and(configured or connected)and pass\$3 adj(single adj bit or binary adj data or gary or grey)and decoder	USPAT	OR	ON	2010/02/19 12:56
L77	0	L74 and calculat\$3 and mid adj level and light adj frame and dark adj frame and light adj beam and reach\$3 adj object	USPAT	OR	ON	2010/02/19 12:56
L78	0	L74 and detector and(configured or connected)and pass\$3 adj(single adj bit or binary adj data or gary or grey)and decoder	USPAT	OR	ON	2010/02/19 12:57
L79	762	L56 and(directing or project\$3 or reflect\$3)and(light or source or laser adj light or structural adj light)and(digital adj micromirror or micromirror adj device or mirrors or optics)	USPAT	OR	ON	2010/02/19 12:57
L80	44	L79 and(detect\$3 or determining)and reflect\$3 and(light or source or laser adj light or structural adj light)and project\$3 same object same(generat\$3 adj shape or depth or contour or edge\$1)	USPAT	OR	ON	2010/02/19 12:57



L81	0	L80 and(directing or project\$3 or reflect\$3)and(light or source or laser adj light or structural adj light)and(digital adj micromirror or micromirror adj device or mirrors or optics)and operat\$3 and modulat\$3 and change adj beam	USPAT	OR	ON	2010/02/19 12:58
L82	7	L80 and decod\$3 and reflect\$3 and(light or source or laser adj light or structural adj light)and (determining or detect\$3)and object and(generat\$3 adj shape or depth or contour or edge\$1)	USPAT	OR	ON	2010/02/19 12:58
L83	7	L82 and(directing or project\$3 or reflect\$3)and(light or source or laser adj light or structural adj light or beam)same object	USPAT	OR	ON	2010/02/19 12:58
L84	0	L83 and detector and(configured or connected)and pass\$3 adj(single adj bit or binary adj data or gary or grey)and decoder	USPAT	OR	ON	2010/02/19 12:59
L85	0	L83 and modulat\$3 and light adj frame and dark adj frame and light adj beam and reach\$3 adj object	USPAT	OR	ON	2010/02/19 12:59
L86	0	L83 and calculat\$3 and mid adj level and light adj frame and dark adj frame and light adj beam and reach\$3 adj object	USPAT	OR	ON	2010/02/19 13:00
L87	6	L83 and @ad<"20040115"	USPAT	OR	ON	2010/02/19 13:00
L88	0	L87 and(digital adj micromirror or micromirror adj device)	USPAT	OR	ON	2010/02/19 13:12
L89	1397	L57 and(directing or project\$3 or reflect\$3)and(light or source or laser adj light or structural adj light)and(digital adj micromirror or micromirror adj device or mirrors or optics)	USPAT	OR	ON	2010/02/19 13:12
L90	63	L89 and(detect\$3 or determining)and reflect\$3 and(light or source or laser adj light or structural adj light)and project\$3 same object same(generat\$3 adj shape or depth or contour or edge\$1)	USPAT	OR	ON	2010/02/19 13:12
L91	0	L90 and(directing or project\$3 or reflect\$3)and(light or source or laser adj light or structural adj light)and(digital adj micromirror or micromirror adj device or mirrors or optics)and operat\$3 and modulat\$3 and change adj beam	USPAT	OR	ON	2010/02/19 13:13
L92	60	L90 and decod\$3 and reflect\$3 and(light or source or laser adj light or structural adj light)and (determining or detect\$3)and object and(generat\$3 adj shape or depth or contour or edge\$1)	USPAT	OR	ON	2010/02/19 13:13
L93	60	L92 and(directing or project\$3 or reflect\$3)and(light or source or laser adj light or structural adj light or beam)same object	USPAT	OR	ON	2010/02/19 13:14
L94	0	L93 and detector and(configured or connected)and pass\$3 adj(single adj bit or binary adj data or gary or grey)and decoder	USPAT	OR	ON	2010/02/19 13:14
L95	0	L93 and modulat\$3 and light adj frame and dark adj frame and light adj beam and reach\$3 adj object	USPAT	OR	ON	2010/02/19 13:15

L96	0	L93 and calculat\$3 and mid adj level and light adj frame and dark adj frame and light adj beam and reach\$3 adj object	USPAT	OR	ON	2010/02/19 13:15
L97	56	L93 and @ad<"20040115"	USPAT	OR	ON	2010/02/19 13:15
L98	0	L97 and(digital adj micromirror or micromirror adj device)	USPAT	OR	ON	2010/02/19 13:16
L99	190	L58 and(directing or project\$3 or reflect\$3)and(light or source or laser adj light or structural adj light)and(digital adj micromirror or micromirror adj device or mirrors or optics)	USPAT	OR	ON	2010/02/19 13:16
L100	21	L99 and(detect\$3 or determining)and reflect\$3 and(light or source or laser adj light or structural adj light)and project\$3 same object same(generat\$3 adj shape or depth or contour or edge\$1)	USPAT	OR	ON	2010/02/19 13:17
L101	0	L100 and(directing or project\$3 or reflect\$3)and(light or source or laser adj light or structural adj light)and(digital adj micromirror or micromirror adj device or mirrors or optics)and operat\$3 and modulat\$3 and change adj beam	USPAT	OR	ON	2010/02/19 13:18
L102	2	L100 and decod\$3 and reflect\$3 and(light or source or laser adj light or structural adj light)and (determining or detect\$3)and object and(generat \$3 adj shape or depth or contour or edge\$1)	USPAT	OR	ON	2010/02/19 13:18
L103	2	L102 and(directing or project\$3 or reflect\$3)and(light or source or laser adj light or structural adj light or beam)same object	USPAT	OR	ON	2010/02/19 13:19
L104	0	L103 and detector and(configured or connected)and pass\$3 adj(single adj bit or binary adj data or gary or grey)and decoder	USPAT	OR	ON	2010/02/19 13:19
L105	0	L103 and modulat\$3 and light adj frame and dark adj frame and light adj beam and reach\$3 adj object	USPAT	OR	ON	2010/02/19 13:19
L106	0	L103 and calculat\$3 and mid adj level and light adj frame and dark adj frame and light adj beam and reach\$3 adj object	USPAT	OR	ON	2010/02/19 13:20
L107	2	L103 and @ad<"20040115"	USPAT	OR	ON	2010/02/19 13:20
L108	0	L107 and(3D or 3-D or three adj dimensional\$1 or scanner)and digital and micromirror adj device and modulate and structured and light adj signal and projected adj beam same object and generat\$4 adj shape	USPAT	OR	ON	2010/02/19 13:22
L109	0	L100 and(3D or 3-D or three adj dimensional\$1 or scanner)and digital and micromirror adj device and modulate and structured and light adj signal and projected adj beam same object and generat\$4 adj shape	USPAT	OR	ON	2010/02/19 13:22
L110	132	L59 and(directing or project\$3 or reflect\$3)and(light or source or laser adj light or structural adj light)and(digital adj micromirror or micromirror adj device or mirrors or optics)	USPAT	OR	ON	2010/02/19 13:23

L111	2	L110 and(detect\$3 or determining)and reflect\$3 and(light or source or laser adj light or structural adj light)and project\$3 same object same (generat\$3 adj shape or depth or contour or edge\$1)	USPAT	OR	ON	2010/02/19 13:23
L112	0	L111 and(directing or project\$3 or reflect\$3)and(light or source or laser adj light or structural adj light)and(digital adj micromirror or micromirror adj device or mirrors or optics)and operat\$3 and modulat\$3 and change adj beam	USPAT	OR	ON	2010/02/19 13:24
L113	0	L111 and decod\$3 and reflect\$3 and(light or source or laser adj light or structural adj light)and (determining or detect\$3)and object and(generat \$3 adj shape or depth or contour or edge\$1)	USPAT	OR	ON	2010/02/19 13:24
L114	2	L111 and(directing or project\$3 or reflect\$3)and(light or source or laser adj light or structural adj light or beam)same object	USPAT	OR	ON	2010/02/19 13:24
L115	0	L114 and detector and(configured or connected)and pass\$3 adj(single adj bit or binary adj data or gary or grey)and decoder	USPAT	OR	ON	2010/02/19 13:25
L116	0	L114 and modulat\$3 and light adj frame and dark adj frame and light adj beam and reach\$3 adj object	USPAT	OR	ON	2010/02/19 13:25
L117	0	L114 and calculat\$3 and mid adj level and light adj frame and dark adj frame and light adj beam and reach\$3 adj object	USPAT	OR	ON	2010/02/19 13:25
L118	2	L114 and @ad<"20040115"	USPAT	OR	ON	2010/02/19 13:26
L119	0	L118 and(3D or 3-D or three adj dimensional\$1 or scanner)and digital and micromirror adj device and modulate and structured and light adj signal and projected adj beam same object and generat\$4 adj shape	USPAT	OR	ON	2010/02/19 13:30
L120	1159	L60 and(directing or project\$3 or reflect\$3)and(light or source or laser adj light or structural adj light)and(digital adj micromirror or micromirror adj device or mirrors or optics)	USPAT	OR	ON	2010/02/19 13:30
L121	5	L120 and(detect\$3 or determining)and reflect\$3 and(light or source or laser adj light or structural adj light)and project\$3 same object same (generat\$3 adj shape or depth or contour or edge\$1)	USPAT	OR	ON	2010/02/19 13:30
L122	0	L121 and(directing or project\$3 or reflect\$3)and(light or source or laser adj light or structural adj light)and(digital adj micromirror or micromirror adj device or mirrors or optics)and operat\$3 and modulat\$3 and change adj beam	USPAT	OR	ON	2010/02/19 13:31
L123	0	L121 and decod\$3 and reflect\$3 and(light or source or laser adj light or structural adj light)and (determining or detect\$3)and object and(generat \$3 adj shape or depth or contour or edge\$1)	USPAT	OR	ON	2010/02/19 13:31
L124	3	L121 and(directing or project\$3 or reflect\$3)and(light or source or laser adj light or structural adj light or beam)same object	USPAT	OR	ON	2010/02/19 13:31

L125	0	L121 and detector and (configured or connected) and pass\$3 adj (single adj bit or binary adj data or gary or grey) and decoder	USPAT	OR	ON	2010/02/19 13:32
L126	0	L124 and modulat\$3 and light adj frame and dark adj frame and light adj beam and reach\$3 adj object	USPAT	OR	ON	2010/02/19 13:32
L127	0	L124 and calculat\$3 and mid adj level and light adj frame and dark adj frame and light adj beam and reach\$3 adj object	USPAT	OR	ON	2010/02/19 13:33
L128	577	L61 and (directing or project\$3 or reflect\$3) and (light or source or laser adj light or structural adj light) and (digital adj micromirror or micromirror adj device or mirrors or optics)	USPAT	OR	ON	2010/02/19 13:34
L129	6	L128 and (detect\$3 or determining) and reflect\$3 and (light or source or laser adj light or structural adj light) and project\$3 same object same (generat\$3 adj shape or depth or contour or edge\$1)	USPAT	OR	ON	2010/02/19 13:34
L130	0	L129 and (directing or project\$3 or reflect\$3) and (light or source or laser adj light or structural adj light) and (digital adj micromirror or micromirror adj device or mirrors or optics) and operat\$3 and modulat\$3 and change adj beam	USPAT	OR	ON	2010/02/19 13:35
L131	0	L129 and decod\$3 and reflect\$3 and (light or source or laser adj light or structural adj light) and (determining or detect\$3) and object and (generat\$3 adj shape or depth or contour or edge\$1)	USPAT	OR	ON	2010/02/19 13:35
L132	0	L129 and detector and (configured or connected) and pass\$3 adj (single adj bit or binary adj data or gary or grey) and decoder	USPAT	OR	ON	2010/02/19 13:35
L133	0	L129 and detector and (configured or connected) and pass\$3 adj (single adj bit or binary adj data or gary or grey or bit) and decoder	USPAT	OR	ON	2010/02/19 13:36
L134	0	L129 and modulat\$3 and light adj frame and dark adj frame and light adj beam and reach\$3 adj object	USPAT	OR	ON	2010/02/19 13:36
L135	0	L129 and calculat\$3 and mid adj level and light adj frame and dark adj frame and light adj beam and reach\$3 adj object	USPAT	OR	ON	2010/02/19 13:36
L137	523692	(directing or project\$3 or reflect\$3) and (light or source or laser adj light or structural adj light) and (digital adj micromirror or micromirror adj device or optics or mirrors)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 13:59
L138	420	L137 and operat\$3 and (digital adj micromirror or micromirror adj device) and (light or source or laser adj light or structural adj light) same changing same beam	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 14:01

L139	1	L138 and reflect\$3 and(light or source or laser adj light or structural adj light)and detector and synchronized adj beam	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 14:02
L140	0	L139 and detector and(configured or connected)and pass\$3 adj(single adj bit or binary adj data or gary or grey or bit)and decoder	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 14:03
L141	0	L138 and detector and(configured or connected)and pass\$3 adj(single adj bit or binary adj data or gary or grey or bit)and decoder	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 14:04
S1	5000855	(3D or 3-D or three adj dimensional\$1 or scanner)and digital and micromirror adj device and modulate and structured and light adj signal and projected adj beam and generate and shape of an object	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/19 13:44
S2	0	(3D or 3-D or three adj dimensional\$1 or scanner)and digital and micromirror adj device and modulate and structured and light adj signal and projected adj beam and generate and shape adj object	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/19 13:45
S3	0	(3D or 3-D or three adj dimensional\$1 or scanner)and digital and micromirror adj device and modulate and structured and light adj signal and projected adj beam and generate and shape	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/19 13:45
S4	0	(3D or 3-D or three adj dimensional\$1 or scanner)and micromirror adj device and modulate and structured and light and projected adj beam and generate and shape	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/19 13:46
S5	1	(3D or 3-D or three adj dimensional\$1 or scanner)and micromirror adj device and structured adj light and projected adj beam and generate and shape	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/19 13:47

S6	76884	"382"/\$.cols.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/19 13:57
S7	98576	"356"/\$.cols.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/19 13:57
S8	0	S6 and(3D or 3-D or three adj dimensional\$1 or scanner)and micromirror adj device and structured adj light and projected adj beam and generate and shape	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/19 13:58
S9	1	S7 and(3D or 3-D or three adj dimensional\$1 or scanner)and micromirror adj device and structured adj light and projected adj beam and generate and shape	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/19 13:58
S10	131735	"359"/\$.cols.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/19 13:59
S11	0	S10 and(3D or 3-D or three adj dimensional\$1 or scanner)and micromirror adj device and structured adj light and projected adj beam and generate and shape	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/19 14:00
S12	23	((RON) near2 (KIMMEL)).INV.	US-PGPUB; USPAT	OR	ON	2009/07/19 14:17
S13	0	S12 and(3D or 3-D or three adj dimensional\$1 or scanner)and micromirror adj device and structured adj light and projected adj beam and generate and shape	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/19 14:18

S14	1	S12 and(3D or 3-D or three adj dimensional\$1 or scanner)and micromirror adj device and structured adj light and projected adj beam	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/19 14:18
S15	0	S9 and(@ad<"20040115" or @rlad<"20040115" or @prad<"20040115" or @ptad<"20040115")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/19 14:34

### EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L136	1	((3D or 3-D or three adj dimensional\$1 or scanner)and encod \$3 adj unit and micromirror adj device and(light or source or laser adj light or structural adj light)and project\$3 and light adj beam and object and(generat\$4 adj shape or depth)and (detect\$3 or determining)same(contour or edge\$3).CLM.	US-PGPUB; USPAT; UPAD	OR	ON	2010/02/19 13:37
S16	8	((3D or 3-D or three adj dimensional\$1 or scanner)and micromirror adj device and structured adj light).CLM.	US-PGPUB; USPAT	OR	ON	2009/07/19 14:21

2/19/10 2:13:40 PM

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